

Converting Colors

XYZ(63.4276, 46.5776, 72.6102)

Have a look what the booklet for
XYZ(63.4276, 46.5776, 72.6102)
contains.

XYZ(63.2100, 46.3677, 72.6362)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.2100, 46.3677,
72.6362)**

Conversions

Conversions Part 1

Format	Color
Hex	FC92DB
RGB	252, 146, 219
RGB Percent	99%, 57%, 86%
CMY	0.0118, 0.4274, 0.1412
CMYK	0.00, 0.42, 0.13, 0.01
HSL	319°, 95%, 78%
HSV	319°, 42%, 99%
XYZ	63.2100, 46.3677, 72.6362
YIQ	186.0160, 39.7430, 45.1750

Conversions

Conversions Part 2

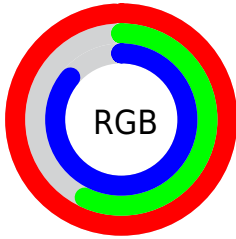
Format	Color
R _{YB}	252, 146, 219
Decimal	16552667
CIE _{Lab}	73.78, 49.44, -19.96
CIE _{LCh}	74, 53.312, 338.019
Yxy	46.3677, 0.3469, 0.2545
Android (android.graphics.Color)	4294742747 (0xFFFC92DB)
YUV	186.0160, 16.2611, 57.8680
Hunter-Lab	68.0938, 46.5334, -15.5794

Details

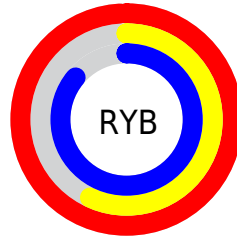
The XYZ color **63.2100, 46.3677, 72.6362** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.8032, 78.9880, 55.0090**, and the grayscale version is **46.5787, 49.0044, 53.3658**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **32.7761, 21.8040, 37.6031** is the 20% darker color. If you saturate the color by 10%, you get **58.7365, 39.0343, 66.1687**, and if you desaturate by 10%, it is **68.5912, 55.4371, 79.6474**.

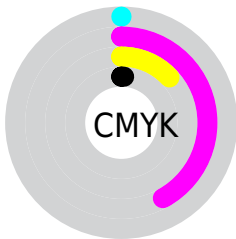
Distribution



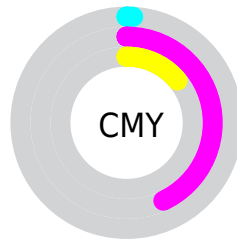
- Red (99%)
- Green (57%)
- Blue (86%)



- Red (99%)
- Yellow (57%)
- Blue (86%)



- Cyan (0%)
- Magenta (42%)
- Yellow (13%)
- Black (1%)





- Cyan (1%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2100, 46.3677, 72.6362 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 63.2100, 46.3677, 72.6362 by changing the saturation by 10% instead.


 63.2100, 46.3677,
72.6362


 63.2100, 46.3677,
72.6362


425.9788,
372.2850, 488.7899

 46.2704, 32.5361,
53.1885

 108.5525, 84.7690,
124.6767

 32.6648, 21.7713,
37.5645


 137.6862,
110.1075, 158.1067

 22.0278, 13.6889,
25.3457


171.6152,
140.0504, 197.0345

 13.9940, 7.9046,
16.1134

210.7050,
174.9821, 241.8786

 8.1982, 4.0340,
9.4492

255.3209,
215.2871, 293.0577

 4.2749, 1.6926,
4.9345

305.8283,

 1.8588, 0.4189,

261.3496, 350.9903

2.1508

362.5924,
313.5541, 416.0948

■ 0.5527, 0.0000,
0.6458

■ 0.0000, 0.0000,
0.0000

■ 63.2100, 46.3677,
72.6362

■ 63.2100, 46.3677,
72.6362

■ 58.7365, 39.0343,
66.1687

■ 68.5912, 55.4371,
79.6474

■ 55.1087, 33.3162,
60.2196

■ 74.9280, 66.3395,
87.2201

■ 52.2638, 29.0881,
54.7650

■ 82.2702, 79.1726,
95.3745

■ 50.1275, 26.2025,
49.7769

■ 90.6625, 94.0252,
104.1286

■ 48.6106, 24.4822,
45.2219

93.9553, 99.4357,
108.8488

■ 47.7408, 23.7339,
41.8764

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.2679, 46.3677, 103.7384



63.2100, 46.3677, 72.6362



64.6787, 46.3677, 43.5542

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.2100, 46.3677, 72.6362



41.5789, 46.3677, 14.4469



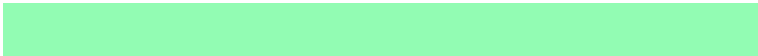
31.2232, 46.3677, 89.9108

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.2100, 46.3677, 72.6362



54.8032, 78.9880, 55.0090

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.3840, 46.3677, 58.1180



63.2100, 46.3677, 72.6362



33.7780, 46.3677, 19.5338

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.2100, 46.3677, 72.6362



51.2461, 46.3677, 15.9194



29.2473, 46.3677, 33.3707



37.5992, 46.3677, 115.9488

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



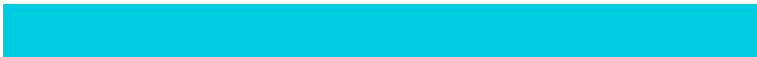
63.2100, 46.3677, 72.6362



62.1846, 46.3677, 29.7334



29.2473, 46.3677, 33.3707



29.8684, 46.3677, 79.1682

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.2114, 46.3699, 72.6371



83.7539, 79.9959, 97.1561



46.1660, 37.0299, 96.8106



17.5555, 16.4709, 20.3909



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2114, 46.3699, 72.6371



61.1990, 41.4902, 69.2782



57.4192, 44.0530, 42.1355



17.7495, 17.4272, 20.5367



24.9379, 12.3909, 22.1790



2.3573, 1.1667, 2.3052

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.2114, 46.3699, 72.6371



61.1990, 41.4902, 69.2782



61.0618, 81.4914, 87.9660



17.7495, 17.4272, 20.5367



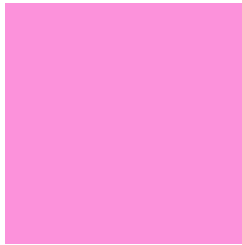
24.9379, 12.3909, 22.1790



2.3573, 1.1667, 2.3052

Previews

White Background



This preview shows how the XYZ color 63.2100, 46.3677, 72.6362 looks on a white background.

Color Contrast Check

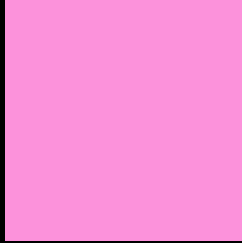
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 63.2100, 46.3677, 72.6362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

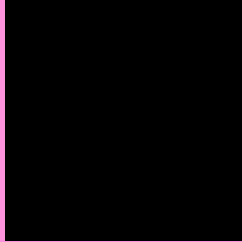
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2100, 46.3677, 72.6362

Background



This preview shows how black text looks on a background with the XYZ color 63.2100, 46.3677, 72.6362.



This preview shows how white text looks on a background with the XYZ color 63.2100, 46.3677,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.2100, 46.3677, 72.6362

Protanopia

47.8088, 47.0061, 91.3473

Deuteranopia

47.4995, 46.4387, 69.4109



Tritanopia

56.9624, 46.1969, 42.9604

Trichromacy



Original Color

63.2100, 46.3677, 72.6362



Protanomaly

51.6189, 45.6815, 83.9387



Deuteranomaly

52.1965, 45.7340, 70.3665



Tritanomaly

58.9093, 46.0008, 52.7879

Monochromacy



Original Color

63.2100, 46.3677, 72.6362



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.3343, 46.9047, 59.7740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2100, 46.3677, 72.6362 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 146, 219)` looks like.

```
.text, #text, p{  
    color:rgb(252, 146, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 146, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 146, 219) }
```

Border

The CSS property to change the border of an element to XYZ 63.2100, 46.3677, 72.6362 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 146, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 146, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 146, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 146, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 146, 219); box-shadow:4px 4px 4px 4px rgb(252, 146, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2100, 46.3677, 72.6362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 146, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
146, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor